Serial No. 10/781250

- 3 -

Art Unit: 2665

In the claims:

(currently amended) A program product for use by a wireless device in a wireless
communications environment, the program product comprising a computer readable medium
having embodied therein a computer program for storing data, the computer program comprising:
logic for associating the wireless device with a current access point;

logic for ascertaining, by the wireless device, whether the wireless device should attempt to associate with another access point, the ascertaining logic operating at least in-part on indications of signal strengths of transmissions from the current and alternative access points; and

logic for requesting association with the another alternative access point if it is ascertained that the wireless device should attempt to associate with said alternative access point.

- (currently amended) The program product of claim 1 further comprising:
 logic for automatically collecting, by the wireless device, information about other access
 points.
- 3. (currently amended) The program product of claim 2 wherein the logic for ascertaining ascertains that the wireless device should attempt to associate with the alternative another access point if the alternative access point is closer than the current access point.
- 4. (currently amended) The program product of claim 3 wherein the logic for ascertaining ascertains that the <u>alternative</u> access point is closer than the current access point by:

calculating a first biased distance between the wireless device and the current access point based on "x" samples;

Serial No. 10/781250

05-Dec-21

-4-

Art Unit: 2665

point operating on said another channel based on "y" samples where "y" is less than "x"; and ascertaining that the <u>alternative</u> access point operating on said another channel is closer than the current access point if the second biased distance is less than the first biased distance.

5 (original) The program product of claim 3 wherein the logic for requesting association requests association by sending a message to the access point.